

Converting Colors

Android(4280300960)

Have a look what the booklet for
Android(4280300960) contains.

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Color

Android(4280300960)

Conversions

Conversions Part 1

Format	Color
Hex	2035A0
RGB	32, 53, 160
RGB Percent	13%, 21%, 63%
CMY	0.8745, 0.7922, 0.3725
CMYK	0.80, 0.67, 0.00, 0.37
HSL	230°, 67%, 38%
HSV	230°, 80%, 63%
XYZ	8.2139, 5.3913, 33.8654
YIQ	58.9190, -46.8630, 28.8250

Conversions

Conversions Part 2

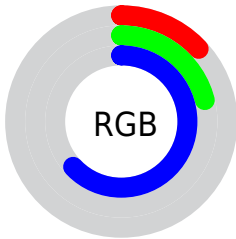
Format	Color
R _Y B	32, 50, 160
Decimal	2110880
CIE Lab	27.82, 32.17, -59.95
CIE LCh	28, 68.039, 298.219
Yxy	5.3913, 0.1730, 0.1136
Android (android.graphics.Color)	4280300960 (0xFF2035A0)
YUV	58.9190, 49.8329, -23.6080
Hunter-Lab	23.2193, 22.5115, -70.2212

Details

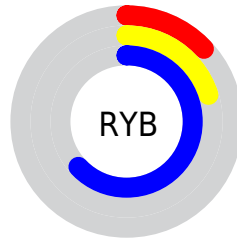
The Android color `4280300960` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288711456`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4284703960`, and `4278193515` is the 20% darker color. If you saturate the color by 10%, you get `4279249056`, and if you desaturate by 10%, it is `4281352864`.

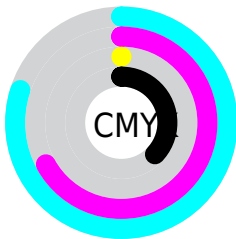
Distribution



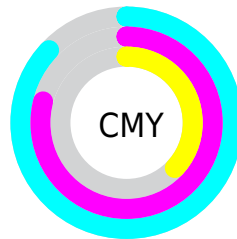
- Red (13%)
- Green (21%)
- Blue (63%)



- Red (13%)
- Yellow (20%)
- Blue (63%)



- Cyan (80%)
- Magenta (67%)
- Yellow (0%)
- Black (37%)



- Cyan (87%)
- Magenta (79%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280300960 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4280300960 by changing the saturation by 10% instead.

 4280300960

 4280300960

4294967295

 4278198405

 4284703960

 4278193515

 4286676469

 4278190162

 4288583679

 4278191418

 4290490879

 4278190628

 4292464127

 4278190091

 4294437375

 4278190080

 4280300960

 4280300960

 4279249056

 4281352864

■ 4278196896

■ 4282405024

■ 4283456928

■ 4284508832

■ 4285560992

■ 4286612896

■ 4287665056

■ 4288716960

■ 4289768864

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278209453



4280300960



4286185594

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280300960



4286260224



4278211901

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4280300960



4288711456

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278211072



4280300960



4283711232

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280300960



4287823893



4280110080



4278212210

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4280300960



4287627353



4280110080



4278211626

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4280300960



4288653265



4280328331



4283060073



4293454056



4285098345

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4280300960



4278725073



4283113632



4282861647



4278196111



4278190863

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4288684085



4291889193



4285898784



4283385672



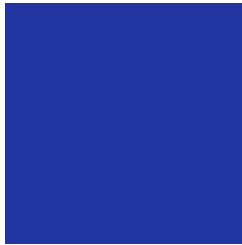
4287561751



4279173123

Previews

White Background



This preview shows how the Android color 4280300960 looks on a white background.

Color Contrast Check

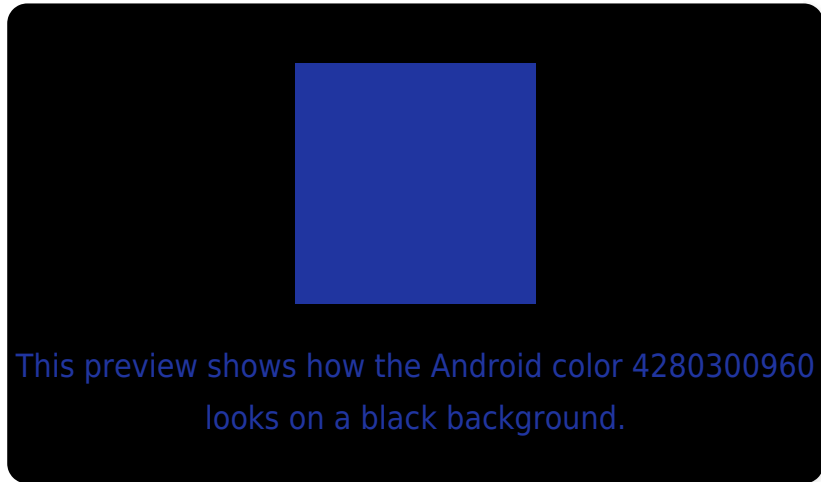
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

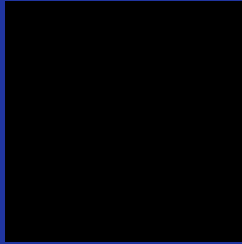
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280300960 Background



This preview shows how black text looks on a background with the Android color 4280300960.



This preview shows how white text looks on a background with the Android color 4280300960.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

4280300960

Protanopia

4278206342

Deuteranopia

4278207602

Trichromacy



Original Color
4280300960

Protanomaly
4278991759

Deuteranomaly
4278992771

Tritanomaly
4278993515

Monochromacy



Original Color
4280300960

Achromatopsia
4282071867

Achromatomaly
4281416032

CSS Examples

Text

The CSS property to change the color of the text to Android 4280300960 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(32, 53, 160)` looks like.

```
.text, #text, p{  
    color:rgb(32, 53, 160)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(32, 53, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 53, 160) }
```

Border

The CSS property to change the border of an element to Android 4280300960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(32, 53, 160) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(32, 53, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(32, 53, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 53, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 53, 160);  
box-shadow:4px 4px 4px 4px rgb(32, 53,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4280300960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 53, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(32, 53,  
160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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